

**Amendments to the Specification:**

On page 1, after the title and before line 1, please insert the subheading:

**BACKGROUND**

On page 2, please amend the third full paragraph spanning lines 11-15 to read as follows:

From ~~EP-A-1-193-597~~ US 6,437,568 it is known that the magnetic excitation of the main magnet system can effectively be reduced by using a non-conducting main magnet system. This has however drawbacks with respect to a boil-off effect, because heat is generated inside the main magnet system as a result of the fact that the main magnet system is non-conducting.

On page 2, before line 16, please insert the subheading:

**SUMMARY**

On page 3, before line 1, please insert the subheading:

**BRIEF DESCRIPTION OF THE DRAWINGS**

On page 3, before line 16, please insert the subheading:

**DETAILED DESCRIPTION**

On page 6, please amend the first full paragraph spanning lines 1-4 to read as follows:

Considering the above mentioned criterias the perforated eddy current screens 13, 14 are preferably made from copper having a density of  $\rho = 8960 \text{ kg/m}^3$ , a Young's modulus  $E = 123 \times 10^9 \text{ N/m}^2$ , and a conductivity of  $\sigma = 5,8 \times 10^7 \text{ 1/\Omega x m}$   $\sigma = 5.8 \times 10^7 \text{ 1/\Omega x m}$ . It is also possible to provide eddy current screens 13, 14 made from Aluminium.

On page 6, please amend the second full paragraph spanning lines 5-7 to read as follows:

The thickness of the perforated eddy current screens 13, 14 made from copper are characterized by a thickness in the range of ~~0,01 mm~~ 0.01 mm to 10 mm, preferably in the range of 1 mm to 5 mm. Most preferably the eddy current screens 13, 14 have a thickness of 3 mm.

On page 6, please amend the fifth full paragraph spanning lines 19-26 to read as follows:

According to a further improved embodiment of the present invention, the eddy current screens 13, 14 are designed as constraining layer structures. ~~figure 4~~ Figure 4 shows a constraining layer structure of the eddy current screen 13 comprising two plate-like layers 19, 20 preferably made from copper and one visco-elastic layer 21 sandwiched between the two plate-like layers 19, 20. It should be noted that the two plate-like layers 19, 20 and the visco-elastic layer 21 are all perforated according to the present invention. Such a constraining layer structure provides a high amount of the structural damping, and thus a reduced vibration level of the perforated eddy current screen.

On page 7, after the last paragraph ending on line 13, please insert the following new paragraph:

The invention has been described with reference to the preferred embodiments. Modifications and alterations may occur to others upon reading and understanding the preceding detailed description. It is intended that the invention be construed as including all such modifications and alterations insofar as they come within the scope of the appended claims or the equivalents thereof.